

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
op	1993	FL	MC	mean	19.46	7.2	423	7.7	93	183.4	23.5	8.7	3.61	1.98	1.98	0.36	0.158	.	.
				median	19.2	7.2	412	7.8	88	182.9	23.3	8.7	3.51	1.92	1.92	0.359	0.163	.	.
				minimum	18.8	6.7	392	6.7	65	23.3	11.5	6.5	2.93	1.82	1.82	0.32	0.113	.	.
				maximum	21	7.8	486	8.1	190	303.6	85.3	11.9	5.31	2.33	2.33	0.41	0.187	.	.
				stderr	0.08	0.03	3	0.03	2.34	3.87	0.91	0.1	0.07	0.02	0.02	0.003	0.003	.	.
				n	75	75	75	75	75	75	75	75	39	40	40	40	40	0	0
op	1993	FL	SC	mean	19.65	7.2	428	7.7	85	158.9	20.2	8.5	3.81	1.96	1.96	0.355	0.164	.	.
				median	19.4	7.3	417	7.7	81	160.5	21	8.4	3.56	1.93	1.93	0.351	0.165	.	.
				minimum	9.3	3.2	267	6.7	26	29.7	7.1	6.8	2.12	0.21	0.21	0.152	0.065	.	.
				maximum	21.5	7.8	496	8.1	150	235.5	37.5	14.9	12.94	2.41	2.41	0.503	0.187	.	.
				stderr	0.17	0.06	4	0.04	2.18	3.77	0.55	0.12	0.25	0.05	0.05	0.009	0.003	.	.
				n	75	75	75	75	75	75	75	72	39	40	40	40	40	0	0
op	1994	WN	MC	mean	0.42	14.3	792	8.1	17	33	6.7	24.9	3.89	2.65	2.65	0.112	0.053	0	0
				median	0.5	14.3	798	8.3	17	32.8	6.6	24.9	3.53	2.66	2.66	0.111	0.054	0	0
				minimum	0.1	13.3	714	6.5	15	21.7	5.3	12	2.43	2.32	2.32	0.097	0.046	0	0
				maximum	0.8	14.9	820	8.5	20	57.8	12.1	42.8	7.26	3	3	0.136	0.061	0	0
				stderr	0.02	0.05	3	0.06	0.18	0.7	0.15	0.54	0.29	0.04	0.04	0.002	0.001	0	0
				n	52	52	52	52	52	52	52	52	24	23	23	28	26	52	52
op	1994	WN	SC	mean	1.89	13.6	758	7.9	12	19.1	5.6	19.5	3.53	2.38	2.38	0.098	0.043	0.3	1.6
				median	0.9	14.3	783	7.9	12	21.4	5.8	23	3.18	2.69	2.69	0.1	0.052	0	0
				minimum	0	9.3	666	6.2	3	3.1	2.9	1.5	1.6	1.51	1.51	0.067	0.008	0	0
				maximum	6	16	804	8.6	24	36.2	8.3	32.2	7.99	2.91	2.91	0.13	0.06	7	100
				stderr	0.22	0.23	6	0.05	0.62	1.31	0.18	1.11	0.3	0.09	0.09	0.003	0.003	0.2	1.6
				n	64	64	64	64	64	64	64	64	32	32	32	36	36	64	64
op	1994	SP	MC	mean	15.08	7.7	380	7.7	130	245.4	25.8	15.5	2.96	1.55	1.55	0.302	0.023	.	.
				median	15	7.7	383	7.8	130	230.8	26.1	15.1	2.58	1.36	1.36	0.285	0.023	.	.
				minimum	14	7.2	305	6.7	50	107.2	3.1	2.3	1.96	1.17	1.17	0.205	0.002	.	.
				maximum	16.5	8.6	446	8	260	396	41.9	25	6.36	3.34	3.34	0.416	0.071	.	.
				stderr	0.1	0.03	5	0.03	4.94	6.75	1.04	0.42	0.18	0.12	0.12	0.01	0.001	.	.
				n	75	75	75	75	75	75	75	75	29	29	29	40	74	0	0
op	1994	SP	SC	mean	15.15	7.7	386	7.6	111	204.8	22.8	16	2.61	1.48	1.48	0.278	0.027	.	.
				median	15	7.7	387	7.6	110	191.4	23.9	16.6	2.52	1.29	1.29	0.259	0.027	.	.
				minimum	14	7.3	325	6.8	45	121	0.1	7.1	1.89	1.14	1.14	0.165	0.004	.	.
				maximum	16	8.5	450	8	190	340.9	36.4	25.8	4.4	3.36	3.36	0.391	0.063	.	.
				stderr	0.08	0.03	5	0.03	4.89	6.35	0.97	0.56	0.12	0.1	0.1	0.01	0.002	.	.
				n	64	64	60	64	63	64	64	63	27	29	29	31	64	0	0
op	1994	SM	MC	mean	26.87	6.6	561	8	73	109.7	16.7	17.6	3.16	1.37	1.37	0.188	0.09	.	.
				median	26.9	6.6	563	8	69	101.2	16	16	3.15	1.37	1.37	0.167	0.084	.	.
				minimum	26	5.8	535	7.7	30	40.8	8.3	4.4	1.62	0.81	0.81	0.138	0.004	.	.
				maximum	28	7.9	595	8.2	140	183.1	31.8	31.7	6.34	2.07	2.07	0.302	0.205	.	.
				stderr	0.05	0.04	1	0.01	2.78	4.15	0.59	0.71	0.1	0.07	0.07	0.008	0.006	.	.
				n	76	76	76	76	76	76	76	76	41	24	24	39	39	0	0

Reach	Year	Season	Stratum	Statistic	Water									Total Phosph.	Soluble Phosph.	Ice (cm)	Snow (cm)		
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
op	1994	SM	SC	mean	27.57	6.9	552	8	52	67.3	11.1	14	2.77	1.3	1.3	0.155	0.085	.	.
				median	27.4	6.6	554	8	54	69.3	11.6	12.1	2.92	1.24	1.24	0.16	0.097	.	.
				minimum	26.2	5.6	512	7.8	22	10.5	3.8	1	1.44	0.73	0.73	0.057	0.007	.	.
				maximum	29	10.4	612	8.4	96	160.5	23.7	63.6	4.15	2.46	2.46	0.292	0.149	.	.
				stderr	0.07	0.12	2	0.02	2.42	3.63	0.41	1.12	0.1	0.07	0.07	0.009	0.007	.	.
				n	75	75	75	75	72	75	75	74	40	34	34	36	36	0	0
op	1994	FL	MC	mean	17.41	9	560	7.9	45	57.3	11.3	22.2	2.14	1.4	1.4	0.16	0.061	.	.
				median	17.5	8.8	561	7.9	43	56.7	11.9	21.6	2.04	1.36	1.36	0.169	0.058	.	.
				minimum	16.5	8.4	521	7.6	26	9.3	1.2	10.1	1.91	1.32	1.32	0.071	0.039	.	.
				maximum	18.7	10.8	575	8	68	92.8	15.5	35.3	3.71	2.33	2.33	0.22	0.12	.	.
				stderr	0.04	0.07	1	0.01	0.98	1.45	0.3	0.5	0.05	0.03	0.03	0.006	0.003	.	.
				n	75	75	64	75	75	75	75	75	40	40	40	38	37	0	0
op	1994	FL	SC	mean	18.13	9.5	569	7.8	34	36.3	9.6	29.4	2.13	0.98	0.98	0.099	0.032	.	.
				median	17.5	9.7	560	7.9	36	33.2	9.4	24.4	1.96	1.36	1.36	0.077	0.035	.	.
				minimum	16	6	482	6.7	13	7.2	2.4	4.5	1.04	0.1	0.1	0.021	0.002	.	.
				maximum	20.8	13.7	648	8.3	56	67.5	16.9	109.1	7.12	1.57	1.57	0.176	0.106	.	.
				stderr	0.14	0.15	4	0.03	1.48	2.2	0.42	2.37	0.19	0.09	0.09	0.007	0.004	.	.
				n	74	74	69	74	74	73	73	74	38	39	39	38	39	0	0
op	1995	WN	MC	mean	1.49	13.1	458	7.9	78	139.9	12.6	9.1	3.26	2.44	2.44	0.198	0.04	0	0
				median	1.4	13.1	456	7.9	85	126.1	12.9	8.5	3.18	2.41	2.41	0.194	0.039	0	0
				minimum	1	12.6	395	7.6	42	76.3	9.2	5.7	2.56	2	2	0.131	0.024	0	0
				maximum	2	14	519	8.1	110	283.8	17.2	27.3	5.99	2.99	2.99	0.258	0.068	0	0
				stderr	0.03	0.04	4	0.01	1.99	6.18	0.21	0.32	0.09	0.04	0.04	0.005	0.002	0	0
				n	76	76	76	76	76	76	76	75	41	41	41	40	39	76	76
op	1995	WN	SC	mean	2.02	12.9	460	7.9	62	80.2	9.9	8.5	3.07	2.43	2.43	0.177	0.041	0	0
				median	1.7	13	455	7.8	65	78.1	10.8	8	3.01	2.37	2.37	0.175	0.039	0	0
				minimum	1	11.5	398	7.7	25	15.8	4	3.8	2.58	2.04	2.04	0.126	0.026	0	0
				maximum	4.4	14	495	8.1	98	148.5	16.5	14.7	3.81	2.97	2.97	0.237	0.066	0	0
				stderr	0.11	0.08	3	0.01	2.79	5.3	0.43	0.28	0.05	0.04	0.04	0.005	0.002	0	0
				n	75	75	75	75	75	75	75	75	39	40	40	39	39	75	75
op	1995	SP	MC	mean	12.67	8.8	471	7.7	179	301	27.2	11.8	4.87	3.54	3.54	0.416	0.039	.	.
				median	12.6	8.8	461	7.7	180	282.9	25.3	11.9	4.73	3.69	3.69	0.437	0.036	.	.
				minimum	12.2	8.3	414	7.4	130	208.1	19.4	8.8	4.24	0.1	0.1	0.11	0.022	.	.
				maximum	13.3	9.1	520	7.8	280	501.4	42.4	14.3	7.96	4.9	4.9	0.572	0.064	.	.
				stderr	0.03	0.02	3	0.01	4.14	11.09	0.86	0.13	0.12	0.13	0.13	0.018	0.002	.	.
				n	75	75	75	75	75	44	44	75	40	40	40	40	0	0	0
op	1995	SP	SC	mean	12.75	8.9	473	7.7	161	269.2	25.7	12.4	4.75	3.62	3.62	0.412	0.045	.	.
				median	12.8	8.9	471	7.7	150	248.2	25.1	12.4	4.68	3.75	3.75	0.416	0.041	.	.
				minimum	12.2	8.3	417	7.6	120	179.9	16.2	1	4	0.7	0.7	0.237	0.013	.	.
				maximum	13.3	9.3	516	7.8	270	514.7	43.3	28.5	6.36	4.01	4.01	0.599	0.123	.	.
				stderr	0.04	0.03	3	0.01	4.12	8.05	0.64	0.31	0.07	0.1	0.1	0.012	0.003	.	.
				n	75	75	75	75	75	73	73	75	41	42	42	41	41	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)		
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)	Total Phosph. (P mg/L)			
op	1995	SM	MC	mean	28.93	5.9	510	7.7	98	146.7	16.6	11.7	3.11	1.8	1.8	0.249	0.047	.	.
				median	28.5	5.9	498	7.7	85	110.4	14.7	11.5	2.97	1.89	1.89	0.24	0.053	.	.
				minimum	28.1	5.6	478	7.6	37	38	7.6	7	2.46	1.52	1.52	0.15	0.004	.	.
				maximum	30.4	6.7	563	7.9	170	256	26.6	24.5	6.51	2.21	2.21	0.37	0.084	.	.
				stderr	0.09	0.02	3	0.01	4.54	11.91	1	0.28	0.12	0.03	0.03	0.003	.	.	.
				n	74	74	74	74	75	34	34	71	40	41	41	40	41	0	0
op	1995	SM	SC	mean	29.07	8.1	516	7.8	71	108.2	12.9	18.5	2.86	1.73	1.73	0.202	0.044	.	.
				median	28.5	6.1	526	7.8	65	105.1	12.3	11.7	2.79	1.84	1.84	0.189	0.042	.	.
				minimum	28.3	5.6	432	7.6	12	17.9	9.2	8.3	2.32	0.94	0.94	0.106	0.002	.	.
				maximum	32.4	25	557	8.6	150	194.9	20.5	151	4.44	2.17	2.17	0.329	0.102	.	.
				stderr	0.15	0.75	4	0.04	3.64	6.48	0.47	2.91	0.06	0.04	0.04	0.009	0.003	.	.
				n	59	59	58	59	75	31	31	75	44	44	44	44	44	0	0
op	1995	FL	MC	mean	18.17	8.8	618	7.9	50	51.4	6.9	12.7	1.6	0.71	0.71	0.115	0.039	.	.
				median	18.3	8.7	624	7.9	47	51.5	6.9	12.6	1.48	0.69	0.69	0.116	0.039	.	.
				minimum	16.9	7.2	584	7.8	30	20.1	4.5	9.7	1.24	0.1	0.1	0.07	0.015	.	.
				maximum	18.6	9.6	649	8	71	68	9.4	21.8	3.3	0.92	0.92	0.16	0.061	.	.
				stderr	0.04	0.04	2	0.01	1.07	1.15	0.1	0.2	0.06	0.02	0.02	0.003	0.001	.	.
				n	75	75	75	75	75	67	67	75	41	41	41	41	41	0	0
op	1995	FL	SC	mean	18.45	8.7	616	8	35	32	6.5	14	1.34	0.6	0.6	0.12	0.027	.	.
				median	18.3	8.8	619	7.9	31	24.8	6.5	12.9	1.34	0.65	0.65	0.117	0.031	.	.
				minimum	16.9	4.8	568	7.7	15	9.2	3.1	6.6	0.51	0.1	0.1	0.031	0.002	.	.
				maximum	21.8	15.3	723	8.4	57	63.8	11.1	49.6	2.55	0.96	0.96	0.561	0.08	.	.
				stderr	0.16	0.23	4	0.02	1.65	2.21	0.22	0.73	0.06	0.04	0.04	0.012	0.003	.	.
				n	75	75	75	75	75	62	62	75	43	43	43	43	42	0	0
op	1996	WN	MC	mean	2.25	13.2	569	7.7	73	.	.	6	3.18	2.05	2.05	0.232	0.11	0.3	0
				median	2.5	13.1	553	7.7	82	.	.	6	3.17	2.09	2.09	0.233	0.108	0	0
				minimum	0.1	11.9	523	7.6	14	.	.	4.7	2.79	1.69	1.69	0.126	0.045	0	0
				maximum	5.5	14.8	641	7.9	120	.	.	7.7	3.96	2.31	2.31	0.347	0.219	20	0
				stderr	0.18	0.07	4	0.01	3.59	.	.	0.09	0.03	0.03	0.03	0.01	0.007	0.3	0
				n	75	75	75	75	75	0	0	74	42	43	43	43	75	75	.
op	1996	WN	SC	mean	4.66	13.8	583	7.8	51	.	.	16	2.9	1.92	1.92	0.174	0.089	0	0
				median	4.5	13.2	572	7.8	43	.	.	6.3	2.99	1.97	1.97	0.17	0.081	0	0
				minimum	0.5	12.1	541	7.4	7	.	.	4.3	1.71	0.42	0.42	0.087	0.002	0	0
				maximum	15.5	20.1	643	8.6	130	.	.	107	3.61	2.57	2.57	0.359	0.169	0	0
				stderr	0.43	0.22	3	0.03	3.96	.	.	2.77	0.07	0.07	0.07	0.01	0.007	0	0
				n	75	75	75	75	73	0	0	75	40	42	42	42	75	75	.
op	1996	SP	MC	mean	13.95	8.7	464	7.7	175	213.5	16.2	14.6	2.66	1.38	1.38	0.334	0.063	.	.
				median	14.1	8.5	456	7.6	200	248.9	18	14.1	2.57	1.37	1.37	0.289	0.062	.	.
				minimum	13	8	382	7.5	60	71	8.3	3.6	2.23	1.2	1.2	0.155	0.046	.	.
				maximum	14.7	9.7	523	7.8	310	335.6	22.4	43.2	4.25	1.48	1.48	0.56	0.088	.	.
				stderr	0.07	0.09	6	0.02	12.3	14.47	1.31	0.88	0.09	0.02	0.02	0.03	0.003	.	.
				n	40	40	40	40	40	40	16	39	21	22	22	22	0	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
op	1996	SP	SC	mean	14.21	8.5	452	7.6	211	242.4	19	13.2	2.8	1.34	1.34	0.344	0.06	.	.
				median	14.3	8.2	440	7.6	220	241.4	19.8	13	2.72	1.35	1.35	0.355	0.054	.	.
				minimum	12.6	7.8	360	7.2	37	34.5	6	9.5	2.33	1.22	1.22	0.152	0.038	.	.
				maximum	14.5	9.4	525	7.8	460	688.8	31.6	18	3.88	1.5	1.5	0.63	0.114	.	.
				stderr	0.05	0.09	5	0.02	10.49	16.31	0.94	0.36	0.08	0.01	0.01	0.022	0.004	.	.
				n	42	42	42	42	42	42	28	41	24	24	24	22	23	0	0
op	1996	SM	MC	mean	26.41	6.3	514	7.6	179	242.5	20.2	12.8	3.58	2.63	2.63	.	0.062	.	.
				median	26	6.3	481	7.5	160	223	20.8	11.8	3.36	2.65	2.65	.	0.062	.	.
				minimum	25.5	5	431	7.4	30	42.3	5	7.7	2.83	2.3	2.3	.	0.018	.	.
				maximum	27.5	7	615	8.4	2800	1133	98.5	17.7	8.64	3.04	3.04	.	0.096	.	.
				stderr	0.07	0.03	8	0.02	36.57	18.9	1.7	0.34	0.14	0.02	0.02	.	0.003	.	.
				n	75	75	75	75	75	75	75	72	42	42	42	0	42	0	0
op	1996	SM	SC	mean	26.71	6	507	6.2	689	321	23	12.6	3.73	2.46	2.46	.	0.065	.	.
				median	26.6	6.4	466	7.5	110	171.7	11.5	13	3.44	2.51	2.51	.	0.064	.	.
				minimum	25.6	4.8	434	0	25	23	3.6	7.6	2.96	2.14	2.14	.	0.023	.	.
				maximum	27.8	7.1	604	8.4	3100	1199	80.2	17.9	10.28	2.72	2.72	.	0.1	.	.
				stderr	0.07	0.1	9	0.35	130.6	41.35	2.82	0.31	0.17	0.03	0.03	.	0.002	.	.
				n	61	61	60	75	75	73	72	73	43	43	43	0	41	0	0
op	1996	FL	MC	mean	17.7	8.4	601	7.9	67	90.8	9.1	16.1	1.91	0.85	0.85	0.426	0.038	.	.
				median	17.8	8.3	585	7.9	73	97.3	9.5	14.2	1.55	0.86	0.86	0.365	0.039	.	.
				minimum	17	8.1	558	7.8	39	57.2	5.9	6	1.28	0.7	0.7	0.129	0.011	.	.
				maximum	18.5	10	660	8.1	93	119.7	12.7	27.3	8.49	0.91	0.91	1.008	0.063	.	.
				stderr	0.05	0.04	5	0.01	1.78	2.1	0.19	0.64	0.18	0.01	0.01	0.037	0.002	.	.
				n	75	67	75	75	75	75	73	75	42	42	42	42	42	0	0
op	1996	FL	SC	mean	18.15	9.3	604	8	42	52.9	6.8	20.2	1.54	0.63	0.63	0.379	0.025	.	.
				median	17.9	8.8	602	8	26	32.6	5.5	17.6	1.4	0.79	0.79	0.299	0.024	.	.
				minimum	17.3	8	558	7.7	9	12.1	3.3	9.2	0.83	0.1	0.1	0.052	0.002	.	.
				maximum	19.2	13.8	661	8.3	83	105.4	12.1	47	6.49	0.9	0.9	1.02	0.067	.	.
				stderr	0.06	0.2	5	0.02	3.59	4.79	0.36	1.29	0.14	0.04	0.04	0.04	0.003	.	.
				n	60	58	60	60	60	60	60	58	41	41	41	41	41	0	0
op	1997	WN	MC	mean	1.16	12.7	572	7.6	51	73.1	6.5	5.1	3.35	2.23	2.23	0.2	0.05	0	0
				median	1.2	12.6	576	7.6	50	69	6.2	5.1	3.21	2.21	2.21	0.197	0.051	0	0
				minimum	0.8	12.2	508	7.5	35	47.6	4.3	3.8	2.88	1.95	1.95	0.151	0.005	0	0
				maximum	1.5	13.5	602	7.7	74	105.6	9.1	6.6	5.91	2.56	2.56	0.243	0.08	0	0
				stderr	0.02	0.04	3	0.01	1.31	1.69	0.14	0.07	0.08	0.02	0.02	0.004	0.003	0	0
				n	75	75	75	75	75	75	75	75	44	44	44	44	44	75	75
op	1997	WN	SC	mean	1.47	12.6	573	7.6	49	59.1	5.6	4.5	3.35	2.22	2.22	0.193	0.055	0	0
				median	1.4	12.6	576	7.6	50	66	5.9	4.6	3.2	2.19	2.19	0.191	0.057	0	0
				minimum	1.2	12.2	514	7.4	22	14.6	2.2	2.5	2.83	1.87	1.87	0.142	0.005	0	0
				maximum	2.3	13.1	607	7.7	84	99.3	9	6.4	7.16	2.51	2.51	0.27	0.098	0	0
				stderr	0.02	0.02	2	0.01	2.12	3.56	0.25	0.09	0.11	0.03	0.03	0.005	0.004	0	0
				n	75	75	75	75	75	75	75	75	41	41	41	41	40	75	75

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
op	1997	SP	MC	mean	13.34	9.7	493	7.6	134	265	19.6	9.2	2.59	2.11	2.11	0.271	0.019	.	.
				median	14	9.5	514	7.6	126	258.9	18.5	9.1	2.6	2.05	2.05	0.309	0.019	.	.
				minimum	11.8	8.8	447	7.5	76	136.2	12.5	6	2.11	1.75	1.75	0.019	0.001	.	.
				maximum	14.6	10.7	531	7.7	273	518	35.6	13.6	3	2.61	2.61	0.471	0.035	.	.
				stderr	0.13	0.06	4	0.01	6.43	11.42	0.69	0.23	0.03	0.03	0.03	0.018	0.001	.	.
				n	75	75	75	75	75	75	75	75	43	43	43	42	42	0	0
op	1997	SP	SC	mean	13.57	9.8	491	7.6	133	253.9	19.3	8.7	2.61	2.15	2.15	0.305	0.021	.	.
				median	13.6	10.1	475	7.6	109	223.4	17	8.4	2.61	2.18	2.18	0.302	0.022	.	.
				minimum	12	8.9	455	7.6	38	32.6	4.4	2.7	2.21	1.04	1.04	0.046	0.001	.	.
				maximum	14.6	10.8	531	7.7	297	563.2	42.5	11.8	2.93	2.66	2.66	0.572	0.048	.	.
				stderr	0.1	0.07	4	0.01	8.19	15.33	1	0.18	0.02	0.04	0.04	0.018	0.001	.	.
				n	75	75	75	75	75	75	75	75	46	46	46	45	45	0	0
op	1997	SM	MC	mean	29.87	6.2	619	7.9	54	82.7	8.3	18.6	2.07	1.75	1.75	0.2	0.038	.	.
				median	29.7	6.2	620	8	47	77.9	7.7	19.1	2.06	1.72	1.72	0.197	0.038	.	.
				minimum	29.3	5.6	589	7.7	24	30.4	4.8	10.3	1.78	1.63	1.63	0.066	0.018	.	.
				maximum	31	6.8	630	8.1	99	131.8	12.4	28.2	2.47	1.93	1.93	0.263	0.061	.	.
				stderr	0.06	0.03	1	0.01	2.65	2.85	0.23	0.58	0.02	0.01	0.01	0.007	0.002	.	.
				n	75	75	75	75	75	75	75	75	42	41	41	40	40	0	0
op	1997	SM	SC	mean	30.34	8.5	599	8.1	43	56.7	6.7	19.2	1.95	1.61	1.61	0.163	0.036	.	.
				median	29.9	6.4	614	8.1	34	60.2	6.8	17.6	2.04	1.66	1.66	0.177	0.037	.	.
				minimum	29.3	5.7	43	7.8	6	7.9	2.9	4.6	1.21	0.7	0.7	0.03	0.001	.	.
				maximum	32.9	25	627	8.8	617	122.6	10.9	54.9	2.42	2.06	2.06	0.25	0.084	.	.
				stderr	0.11	0.67	8	0.03	7.95	3.23	0.24	1.24	0.05	0.05	0.05	0.009	0.003	.	.
				n	75	75	75	75	75	75	75	75	40	43	43	39	42	0	0
op	1997	FL	MC	mean	21.79	7.7	653	8.1	37	57.6	6.5	19.9	1.33	0.84	0.84	0.187	0.041	.	.
				median	21.8	7.7	656	8.1	37	58.1	6.6	20	1.33	0.83	0.83	0.186	0.04	.	.
				minimum	21.5	7.3	627	8	20	23.5	3.5	11.9	1.14	0.78	0.78	0.146	0.022	.	.
				maximum	22.1	8.2	663	8.2	44	69.7	8.2	25.8	1.49	1.06	1.06	0.236	0.066	.	.
				stderr	0.02	0.02	1	0	0.41	0.84	0.08	0.26	0.01	0.01	0.01	0.002	0.002	.	.
				n	75	75	75	75	75	75	75	75	46	46	46	46	46	0	0
op	1997	FL	SC	mean	21.42	7.6	659	8	23	32.2	4.9	19.6	1.14	0.61	0.61	0.13	0.019	.	.
				median	21.9	7.7	653	8.1	21	25.1	4.3	18.1	1.2	0.79	0.79	0.142	0.021	.	.
				minimum	17	5.4	613	7.5	10	11.5	2.6	8.1	0.71	0.13	0.13	0.001	0.001	.	.
				maximum	23.1	9.9	706	8.4	44	107	13.1	54.2	1.45	0.91	0.91	0.214	0.051	.	.
				stderr	0.14	0.1	3	0.03	1.11	2.29	0.23	1.09	0.04	0.05	0.05	0.008	0.003	.	.
				n	73	66	73	73	73	73	73	73	39	39	39	41	41	0	0
op	1998	WN	MC	mean	2.48	13.1	627	8	26	35.9	5.2	6.7	3.58	3.02	3.02	0.162	0.027	0	0
				median	2.2	13.2	627	8	27	35.6	5.1	6.4	3.58	3.03	3.03	0.165	0.028	0	0
				minimum	1.4	12.4	600	7.9	20	30.3	3.5	4.3	3.25	2.72	2.72	0.086	0.009	0	0
				maximum	3.6	14	656	8.1	38	45.8	7.2	10.4	4	3.42	3.42	0.186	0.045	0	0
				stderr	0.09	0.04	2	0.01	0.48	0.4	0.1	0.19	0.03	0.03	0.03	0.002	0.001	0	0
				n	77	77	77	77	77	77	61	77	43	43	43	43	43	77	77

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
op	1998	WN	SC	mean	3.35	12.8	617	8	20	25.5	4.1	6.6	3.31	2.78	2.78	0.144	0.024	0	0
				median	3.5	13	626	8	21	28.7	4.4	5.6	3.45	2.87	2.87	0.149	0.023	0	0
				minimum	1.9	10.6	500	7.3	8	6.9	1.8	1	2.44	1.94	1.94	0.104	0.001	0	0
				maximum	5.4	13.9	640	8.1	28	37.5	5.5	25.3	3.78	3.19	3.19	0.179	0.058	0	0
				stderr	0.11	0.1	4	0.02	0.56	1.07	0.13	0.36	0.06	0.06	0.06	0.003	0.002	0	0
				n	73	73	73	73	73	73	59	73	44	41	41	44	43	73	73
op	1998	SP	MC	mean	16.1	8.5	520	7.7	115	189.3	18.6	12.9	4.56	4.05	4.05	0.34	0.034	.	.
				median	15.2	8.3	522	7.7	104	164.2	16.9	13.1	4.58	3.88	3.88	0.312	0.033	.	.
				minimum	14.8	7.7	483	7.6	73	113.9	11.7	8.6	3.98	3.01	3.01	0.235	0.022	.	.
				maximum	18.9	9.6	560	7.8	184	322.6	30.8	14.4	5.15	4.85	4.85	0.531	0.059	.	.
				stderr	0.18	0.07	3	0.01	3.66	6.47	0.57	0.14	0.05	0.07	0.07	0.013	0.001	.	.
				n	75	75	75	75	75	75	75	58	44	44	44	44	0	0	0
op	1998	SP	SC	mean	15.9	8.3	518	7.7	106	169	17	13	4.51	4.05	4.05	0.32	0.034	.	.
				median	15.2	8.1	522	7.7	89	141.4	14.4	13.2	4.49	4.11	4.11	0.263	0.034	.	.
				minimum	14.9	7.7	468	7.6	45	38.6	7.4	8.2	3.93	3.47	3.47	0.214	0.019	.	.
				maximum	19	9.4	555	7.8	191	370.4	29.5	15.5	4.96	4.73	4.73	0.548	0.055	.	.
				stderr	0.18	0.06	3	0.01	4.32	7.83	0.66	0.19	0.04	0.06	0.06	0.015	0.001	.	.
				n	75	75	75	75	75	75	57	43	43	43	43	0	0	0	0
op	1998	SM	MC	mean	26.4	6.2	426	7.5	213	295.1	30.6	12.9	2.33	1.78	1.78	0.323	0.061	.	.
				median	26.2	5.9	427	7.5	224	311.2	31.7	12.9	2.33	1.78	1.78	0.32	0.059	.	.
				minimum	25.8	4.6	375	7.4	103	141.1	16.9	4.1	2.09	1.61	1.61	0.227	0.047	.	.
				maximum	27.7	7.7	488	7.6	314	451.7	43.7	16.5	2.54	1.99	1.99	0.428	0.088	.	.
				stderr	0.07	0.1	4	0.01	6.54	9.18	0.77	0.23	0.02	0.02	0.02	0.009	0.001	.	.
				n	75	75	75	75	75	75	75	40	40	40	40	40	0	0	0
op	1998	SM	SC	mean	27.29	6.2	445	7.6	177	252.2	25.9	11	2.42	1.92	1.92	0.292	0.061	.	.
				median	26.4	5.9	449	7.5	206	259	28.8	12.3	2.33	1.82	1.82	0.257	0.06	.	.
				minimum	25.8	4.2	378	7.3	33	27	4.8	1.2	1.88	1.56	1.56	0.111	0.044	.	.
				maximum	34	8.2	543	7.9	336	564.5	47.3	15.7	3.31	2.92	2.92	0.45	0.109	.	.
				stderr	0.23	0.12	5	0.02	10.72	17.58	1.47	0.42	0.06	0.05	0.05	0.016	0.002	.	.
				n	75	75	75	75	75	75	75	39	39	39	40	41	0	0	0
op	1998	FL	MC	mean	17.84	7.3	388	7.7	192	318.1	29.2	5.7	1.67	1.09	1.09	0.312	0.052	.	.
				median	17.7	7.6	378	7.6	152	270.2	24.2	5.5	1.63	0.99	0.99	0.274	0.046	.	.
				minimum	17.3	5.9	327	7.6	86	112	13.6	2	1.34	0.81	0.81	0.15	0.032	.	.
				maximum	18.5	8.1	452	7.8	393	697.3	60.1	7.9	2.16	1.53	1.53	0.577	0.105	.	.
				stderr	0.05	0.07	6	0.01	11.97	18.43	1.61	0.13	0.03	0.04	0.04	0.018	0.003	.	.
				n	75	75	75	75	75	75	75	41	41	41	42	42	0	0	0
op	1998	FL	SC	mean	17.91	7.1	355	7.6	202	275.1	26.2	4.6	1.46	0.87	0.87	0.317	0.047	.	.
				median	17.7	7.3	344	7.6	173	291.3	25.9	4.6	1.47	0.86	0.86	0.302	0.046	.	.
				minimum	17.4	5.6	326	7.5	84	65.7	8	1.4	1.24	0.01	0.01	0.154	0.027	.	.
				maximum	19.8	8.6	435	7.8	490	665.3	53.7	7.5	1.83	1.44	1.44	0.678	0.083	.	.
				stderr	0.07	0.1	4	0.01	10.47	16.72	1.28	0.14	0.02	0.03	0.03	0.017	0.002	.	.
				n	75	75	75	75	75	75	75	41	41	41	41	41	0	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)		
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)	Total Phosph. (P mg/L)			
op	1999	WN	MC	mean	3.18	12.7	492	7.6	167	290.5	25.5	7.3	3.4	2.39	2.39	0.332	0.061	0	0
				median	3.5	12	474	7.5	138	292.6	25.9	6.6	3.42	2.42	2.42	0.323	0.063	0	0
				minimum	1.9	11.4	419	7.3	114	179.3	17.4	1.6	2.67	1.2	1.2	0.209	0.038	0	0
				maximum	4.3	15.7	574	8.2	282	409.2	34.3	12.1	3.74	2.78	2.78	0.443	0.085	0	0
				stderr	0.09	0.14	6	0.03	5.7	6.98	0.53	0.28	0.03	0.04	0.04	0.01	0.002	0	0
				n	76	76	76	76	76	76	76	76	44	42	42	44	44	76	76
op	1999	WN	SC	mean	3.58	12.4	455	7.4	206	322.5	27.8	6.5	3.38	2.23	2.23	0.382	0.058	0	0
				median	3.6	11.9	460	7.4	216	326.6	28.2	6.6	3.39	2.31	2.31	0.387	0.056	0	0
				minimum	2.5	11.5	408	7.3	120	196.4	18.4	1.4	3.01	0.02	0.02	0.266	0.038	0	0
				maximum	4	16	541	8.1	336	412.5	36.3	9.9	3.82	2.73	2.73	0.477	0.08	0	0
				stderr	0.04	0.16	4	0.02	5.85	5.98	0.53	0.19	0.02	0.08	0.08	0.008	0.002	0	0
				n	74	74	74	74	74	74	74	74	42	42	42	42	42	74	74
op	1999	SP	MC	mean	16.3	7.8	454	7.6	237	396.9	37.4	10.4	4.99	4.18	4.18	0.339	0.037	.	.
				median	16.5	7.8	456	7.6	198	358.1	34	10.4	5.04	4.24	4.24	0.341	0.037	.	.
				minimum	13.8	7.5	425	7.5	162	234.1	27.4	8.8	4.05	3.74	3.74	0.04	0.026	.	.
				maximum	17.3	8.1	467	7.8	486	807.3	60.7	12.7	5.31	4.45	4.45	0.551	0.044	.	.
				stderr	0.15	0.02	1	0.01	12.49	18.39	1.19	0.11	0.06	0.03	0.03	0.015	0.001	.	.
				n	55	55	55	55	55	55	55	53	28	28	28	27	27	0	0
op	1999	SP	SC	mean	15.24	7.9	461	7.6	282	471.4	42.5	9.6	4.99	3.99	3.99	0.404	0.033	.	.
				median	14.1	7.9	462	7.6	228	404.4	39.2	9.8	4.96	4.07	4.07	0.378	0.033	.	.
				minimum	13.6	7.5	442	7.2	162	249.2	29	7.9	4.76	3.69	3.69	0.247	0.023	.	.
				maximum	17.2	8.4	486	7.7	474	789.3	63.1	10.7	5.26	4.33	4.33	0.551	0.042	.	.
				stderr	0.19	0.03	2	0.01	13.72	20.26	1.42	0.09	0.02	0.03	0.03	0.015	0.001	.	.
				n	57	57	57	57	57	57	57	32	32	32	32	32	0	0	
op	1999	SM	MC	mean	30.84	6	572	7.9	71	117.7	15.4	26.2	3.44	2.85	2.85	0.252	0.06	.	.
				median	31	5.9	592	7.9	59	107.3	13.8	30.7	3.46	2.86	2.86	0.216	0.047	.	.
				minimum	29.5	5.6	507	7.8	17	13.2	4.3	5	3.15	2.48	2.48	0.175	0.022	.	.
				maximum	31.9	7.3	623	8.1	126	188.4	23.6	68.9	3.7	3.06	3.06	0.435	0.169	.	.
				stderr	0.07	0.04	5	0.01	3.19	4.55	0.52	1.65	0.02	0.02	0.02	0.012	0.006	.	.
				n	75	75	75	75	75	75	72	75	41	41	41	40	0	0	
op	1999	SM	SC	mean	30.79	6.3	550	7.9	72	110.6	14.9	17	3.37	2.87	2.87	0.248	0.073	.	.
				median	31	6.1	546	7.8	57	98.2	13.4	13.2	3.37	2.88	2.88	0.221	0.063	.	.
				minimum	29.6	5.6	506	7.8	21	33.6	4.3	5.1	3.17	2.59	2.59	0.174	0.024	.	.
				maximum	31.6	7.1	618	8.1	114	196.6	24.1	44.6	3.62	2.97	2.97	0.416	0.156	.	.
				stderr	0.06	0.06	4	0.01	2.95	5.21	0.58	1.2	0.02	0.01	0.01	0.006	.	.	
				n	75	75	75	75	75	75	74	75	39	39	39	40	39	0	0
op	1999	FL	MC	mean	17.62	8.9	638	8	39	61.9	10.1	26.6	1.54	0.98	0.98	0.179	.	.	.
				median	18.2	8.7	635	8	40	62.5	10.1	26.6	1.52	0.95	0.95	0.179	.	.	.
				minimum	16.3	8.4	616	7.9	25	33.9	7.3	17.8	1.33	0.89	0.89	0.154	.	.	.
				maximum	18.8	9.6	661	8.3	46	71.3	11.7	31.8	1.74	1.1	1.1	0.198	.	.	.
				stderr	0.11	0.05	2	0.01	0.4	0.72	0.1	0.28	0.02	0.01	0.01	0.002	.	.	.
				n	70	70	70	70	70	70	70	70	37	37	37	37	0	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
op	1999	FL	SC	mean	18.86	9.6	635	7.8	25	30.8	8.4	24.5	0.92	0.37	0.37	0.088	.	.	.
				median	19	9.4	633	7.9	18	19.7	7.9	24.1	0.69	0.13	0.13	0.049	.	.	.
				minimum	15.3	3.4	580	7.5	6	9	5.8	14.7	0.49	0.04	0.04	0.033	.	.	.
				maximum	21.5	13.6	682	8.2	96	84.2	14.4	33.3	1.93	1.12	1.12	0.207	.	.	.
				stderr	0.28	0.37	6	0.04	3.74	4.31	0.45	1.07	0.14	0.12	0.12	0.019	.	.	.
				n	25	25	25	25	25	25	25	25	13	13	13	13	0	0	0
op	2000	WN	MC	mean	1.29	14	633	8.3	20	32	6.8	13.8	2.24	1.42	1.42	0.139	0.016	0	0
				median	1.4	14	643	8.3	20	31.2	6.5	11.7	2.22	1.43	1.43	0.139	0.017	0	0
				minimum	0.8	13.3	607	8.2	17	25.7	0.5	9.9	2.11	1.34	1.34	0.066	0.005	0	0
				maximum	1.8	14.7	659	8.3	31	40.2	15.4	27.8	2.52	1.53	1.53	0.18	0.041	0	0
				stderr	0.03	0.05	2	0	0.2	0.36	0.22	0.59	0.02	0.01	0.01	0.003	0.001	0	0
				n	75	75	75	75	75	75	75	75	29	29	29	29	75	75	75
op	2000	WN	SC	mean	1.56	13.4	636	8.2	18	24.9	4.8	9.9	2.13	1.39	1.39	0.093	0.015	0	0
				median	1.5	13.5	645	8.3	20	29.9	5.2	10.4	2.14	1.32	1.32	0.076	0.015	0	0
				minimum	1	12.7	610	7.9	8	7.7	0.5	4.6	2.09	1.3	1.3	0.069	0.014	0	0
				maximum	2	14.4	671	8.3	24	36.3	6.5	14.7	2.17	1.55	1.55	0.133	0.016	0	0
				stderr	0.11	0.19	8	0.07	1.83	3.58	0.65	1.05	0.02	0.08	0.08	0.02	0.001	0	0
				n	8	8	8	8	8	8	8	8	3	3	3	3	8	8	8
op	2000	SP	MC	mean	16.03	8.7	592	8.1	39	64.7	10.7	37.4	2.42	1.72	1.72	0.157	0.028	.	.
				median	15.4	8.4	590	8.1	39	66.4	10.4	34.7	2.08	1.27	1.27	0.172	0.028	.	.
				minimum	14.7	8	561	7.9	22	40.1	8	19.8	1.89	1.11	1.11	0.042	0.016	.	.
				maximum	18	9.6	624	8.4	50	83.1	15.9	62.8	3.38	2.68	2.68	0.2	0.052	.	.
				stderr	0.14	0.06	1	0.01	0.82	0.85	0.15	1.22	0.14	0.15	0.15	0.009	0.002	.	.
				n	75	75	75	75	75	75	75	75	18	18	18	21	21	0	0
op	2000	SP	SC	mean	17.87	9.9	578	8.4	25	40.9	10.2	38.1	1.93	1.18	1.18	0.121	0.017	.	.
				median	18.1	9.2	582	8.2	21	33.5	10.4	35.1	1.91	1.14	1.14	0.122	0.015	.	.
				minimum	14.8	8.1	517	8	7	0.5	5.3	13.7	0.85	0.1	0.1	0.009	0.002	.	.
				maximum	24.1	16.4	624	9.3	44	78	27.7	139.9	3.45	2.66	2.66	0.195	0.056	.	.
				stderr	0.36	0.3	3	0.05	1.48	3.03	0.46	2.34	0.15	0.17	0.17	0.011	0.003	.	.
				n	63	49	63	63	63	62	62	63	23	23	23	24	24	0	0
op	2000	SM	MC	mean	26.79	6.5	507	7.8	81	111	12.6	12.5	3.7	3.02	3.02	0.245	0.085	.	.
				median	26.8	6.5	509	7.7	84	116.5	12.8	12.2	3.59	3.02	3.02	0.249	0.082	.	.
				minimum	26.4	6.2	318	7.7	34	42.6	7.4	5	3.46	2.75	2.75	0.202	0.056	.	.
				maximum	27.5	6.8	528	8.1	100	152.9	16.1	22.2	6.01	3.31	3.31	0.282	0.123	.	.
				stderr	0.02	0.02	3	0.02	1.68	2.66	0.22	0.32	0.09	0.02	0.02	0.004	0.003	.	.
				n	74	74	74	74	74	74	74	27	29	29	29	29	0	0	0
op	2000	SM	SC	mean	27.19	7.2	499	7.9	62	83.3	10.6	14.5	3.57	2.99	2.99	0.232	0.082	.	.
				median	26.9	6.7	500	7.8	73	100.4	11.3	10.8	3.58	3	3	0.239	0.078	.	.
				minimum	26.6	6	481	7.7	18	17.8	5	5.2	3.25	2.66	2.66	0.168	0.03	.	.
				maximum	29.9	13.9	524	8.7	95	129.8	14.2	84.5	3.79	3.1	3.1	0.292	0.125	.	.
				stderr	0.09	0.21	1	0.03	2.93	4.44	0.3	1.49	0.03	0.02	0.02	0.006	0.003	.	.
				n	75	73	75	75	75	75	75	29	29	29	29	29	0	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)		
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)	Total Phosph. (P mg/L)			
op	2000	FL	MC	mean	15.36	9	584	7.8	60	69.6	10.7	16.7	1.85	1.07	1.07	0.236	0.077	.	.
				median	15.3	9.1	583	7.8	59	70.3	10.6	17.1	1.79	1.06	1.06	0.238	0.078	.	.
				minimum	15	8.2	541	7.7	27	29	7.7	11.5	1.57	0.95	0.95	0.195	0.059	.	.
				maximum	17.2	9.6	616	8.2	75	83.9	14	20.8	3.18	1.16	1.16	0.254	0.096	.	.
				stderr	0.04	0.04	2	0.01	0.77	0.93	0.14	0.23	0.06	0.01	0.01	0.003	0.002	.	.
				n	75	75	75	75	75	75	75	26	27	27	26	27	0	0	0
op	2000	FL	SC	mean	17.07	9.1	606	7.8	25	27.7	7.8	13.5	1.01	0.44	0.44	0.12	0.024	.	.
				median	17.2	9.1	601	7.8	21	21.5	7.8	13.4	0.95	0.33	0.33	0.098	0.005	.	.
				minimum	15.3	7.1	550	7.4	8	8.2	3.7	7.8	0.32	0.1	0.1	0.023	0.002	.	.
				maximum	19.2	10.9	661	8	63	81.3	12.9	23.2	1.85	1.11	1.11	0.229	0.076	.	.
				stderr	0.15	0.16	6	0.03	2.56	3.28	0.34	0.54	0.18	0.13	0.13	0.024	0.01	.	.
				n	34	34	34	34	34	34	34	34	8	9	9	10	0	0	0
op	2001	WN	MC	mean	1.2	13.1	605	7.7	142	157.9	13.9	7.9	3.05	2.03	2.03	0.277	0.071	0	0
				median	1.2	13.4	643	7.7	37	47.8	5.4	6.6	2.99	2.05	2.05	0.198	0.066	0	0
				minimum	0.9	12.2	302	7.4	23	29.2	3	2.6	2.85	1.82	1.82	0.167	0.054	0	0
				maximum	3.5	14.8	682	7.9	362	418.8	36.2	12.7	3.43	2.2	2.2	0.518	0.109	0	0
				stderr	0.04	0.07	7	0.01	15.8	16.91	1.37	0.28	0.03	0.02	0.02	0.026	0.003	0	0
				n	74	74	74	74	74	74	74	26	26	26	26	26	74	74	
op	2001	WN	SC	mean	1.2	13.3	628	7.7	75	89.2	8.4	7	2.98	2.06	2.06	0.23	0.068	0	0
				median	1.2	13.5	642	7.7	27	34	3.9	6.2	3.01	2.09	2.09	0.199	0.067	0	0
				minimum	1	12.4	540	7.6	16	17.5	2.1	5.4	2.83	1.84	1.84	0.164	0.057	0	0
				maximum	1.6	13.7	658	7.9	335	377.8	32.6	12.3	3.12	2.19	2.19	0.394	0.08	0	0
				stderr	0.05	0.11	11	0.03	33.78	38.06	3.21	0.68	0.05	0.06	0.06	0.042	0.004	0	0
				n	12	12	12	12	12	12	12	5	5	5	5	5	12	12	
op	2001	SP	MC	mean	15.04	8.3	422	7.8	217	265.6	22.8	8.4	4.09	3.41	3.41	0.346	0.055	.	.
				median	14.9	8.3	421	7.8	213	259.3	22.1	8.3	4.1	3.4	3.4	0.342	0.055	.	.
				minimum	14.3	7.9	407	7.7	168	151.4	16	7.4	3.86	3.21	3.21	0.277	0.034	.	.
				maximum	15.9	8.7	434	7.9	294	389.6	33.4	11	4.31	3.77	3.77	0.419	0.124	.	.
				stderr	0.04	0.02	1	0.01	3.45	4.82	0.44	0.08	0.02	0.03	0.03	0.008	0.004	.	.
				n	70	70	70	70	70	70	70	69	23	23	23	23	0	0	0
op	2001	SP	SC	mean	14.95	8.4	420	7.7	226	294	24.7	8.1	4.16	3.38	3.38	0.369	0.056	.	.
				median	14.9	8.4	420	7.7	234	306.4	25.7	8.3	4.18	3.36	3.36	0.376	0.055	.	.
				minimum	14.4	7.9	412	7.7	89	81.3	9.7	1	3.81	3.15	3.15	0.206	0.041	.	.
				maximum	15.8	8.7	428	7.8	288	422.7	33.3	9.6	4.4	3.59	3.59	0.451	0.108	.	.
				stderr	0.06	0.03	0	0.01	3.71	8	0.57	0.12	0.03	0.02	0.02	0.011	0.003	.	.
				n	74	74	73	74	74	73	73	74	26	26	26	26	0	0	0
op	2001	SM	MC	mean	29.99	6.3	501	7.9	123	146.5	15.4	32.1	3.09	2.36	2.36	0.257	0.066	.	.
				median	30.1	6.4	497	7.9	110	136.2	14.1	34.7	3.04	2.3	2.3	0.26	0.065	.	.
				minimum	29	5.6	471	7.8	70	73.8	9.2	13.9	2.88	2.18	2.18	0.191	0.038	.	.
				maximum	31	6.9	527	8	205	222	24.3	48.8	3.44	2.72	2.72	0.314	0.142	.	.
				stderr	0.04	0.04	2	0.01	3.91	3.84	0.39	1.02	0.03	0.03	0.03	0.005	0.004	.	.
				n	75	75	74	75	75	74	74	75	26	26	26	26	0	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
op	2001	SM	SC	mean	30.52	7.1	495	8	93	100	12.1	21.8	2.95	2.31	2.31	0.211	0.062	.	.
				median	30.2	6.5	500	7.9	95	117.8	12.5	21.6	3.02	2.39	2.39	0.199	0.058	.	.
				minimum	28.9	5	394	7.7	11	16.8	4.2	2.6	1.31	0.28	0.28	0.052	0.004	.	.
				maximum	33.5	16.7	515	8.8	174	203.5	22.2	64.1	3.45	2.66	2.66	0.295	0.093	.	.
				stderr	0.11	0.25	2	0.03	5.86	7.37	0.64	1.59	0.07	0.09	0.09	0.012	0.004	.	.
				n	75	75	72	75	75	75	75	75	26	26	26	26	26	0	0
op	2001	FL	MC	mean	17.72	8.7	563	8.2	84	114.9	12.3	33.1	1.78	0.94	0.94	0.255	0.061	.	.
				median	17.7	8.8	573	8.3	74	94.9	11.5	33.2	1.75	0.94	0.94	0.241	0.06	.	.
				minimum	17.4	7.2	514	8	55	41	6	21.6	1.6	0.69	0.69	0.218	0.04	.	.
				maximum	18.1	11.9	587	8.4	150	228.1	19.6	47.8	2.05	1.02	1.02	0.353	0.106	.	.
				stderr	0.02	0.08	2	0.01	2.95	4.87	0.29	0.83	0.02	0.01	0.01	0.007	0.003	.	.
				n	75	75	75	75	75	75	75	75	26	26	26	26	26	0	0
op	2001	FL	SC	mean	17.82	8.4	607	8	43	53.7	8.4	32	1.34	0.5	0.5	0.165	0.032	.	.
				median	17.9	8.3	603	8	33	33.2	7.4	30.3	1.24	0.31	0.31	0.134	0.014	.	.
				minimum	17.1	6.7	509	7.5	11	10.6	3.7	19.1	0.77	0.1	0.1	0.061	0.002	.	.
				maximum	18.6	9.8	682	8.4	120	149.7	13.8	76.4	1.95	1	1	0.283	0.073	.	.
				stderr	0.06	0.12	6	0.05	4	6.03	0.5	1.55	0.1	0.1	0.1	0.019	0.007	.	.
				n	45	45	45	45	45	45	45	45	17	17	17	17	17	0	0
op	2002	WN	MC	mean	3.66	14.4	604	8.3	41	64.3	10.1	38.2	3.01	2.28	2.28	0.199	0.028	0	0
				median	4.1	14.4	609	8.3	28	40.4	8.7	38.3	2.99	2.25	2.25	0.187	0.028	0	0
				minimum	2.2	8.3	489	6	16	22.6	6.9	4.2	2.71	2.01	2.01	0.149	0.018	0	0
				maximum	5.8	16.3	632	8.4	180	335.4	26.7	62.7	3.4	2.55	2.55	0.314	0.04	0	0
				stderr	0.11	0.17	3	0.03	3.64	6.04	0.38	0.82	0.03	0.03	0.03	0.009	0.001	0	0
				n	74	74	72	72	74	74	74	74	26	23	23	26	26	74	74
op	2002	WN	SC	mean	6.01	12.8	607	7.9	54	61.5	10.3	32.1	1.85	1.17	1.17	0.124	0.012	0	0
				median	5.1	12.6	600	7.9	37	43.3	9	31.5	1.4	0.75	0.75	0.091	0.002	0	0
				minimum	3.6	10.4	541	7.3	10	10.4	4.5	19	0.61	0.23	0.23	0.059	0.002	0	0
				maximum	9.8	15.8	683	8.4	320	422.8	36	55.5	3.2	2.28	2.28	0.245	0.04	0	0
				stderr	0.35	0.22	6	0.07	10.7	12.87	1.05	1.63	0.25	0.23	0.23	0.016	0.003	0	0
				n	34	34	33	33	34	34	34	34	17	15	15	17	17	34	34
op	2002	SP	MC	mean	17	6.6	447	7.6	242	301.1	30	13	3.26	2.22	2.22	0.311	0.053	.	.
				median	17.5	6.6	459	7.7	225	278.3	26.3	13.5	3.26	2.15	2.15	0.292	0.053	.	.
				minimum	15.4	5.9	375	6.5	24	107.5	10.4	5.6	2.9	1.95	1.95	0.183	0.046	.	.
				maximum	18.8	7.4	521	7.9	415	495.7	50.7	16.3	3.64	2.79	2.79	0.462	0.063	.	.
				stderr	0.14	0.05	5	0.03	9.99	10.66	1.11	0.24	0.04	0.04	0.04	0.016	0.001	.	.
				n	75	75	75	75	75	75	75	75	26	26	26	26	26	0	0
op	2002	SP	SC	mean	17.47	6.7	464	7.6	196	260.2	24.4	12	3.27	2.25	2.25	0.283	0.051	.	.
				median	18.1	6.8	470	7.7	200	252.6	19.8	12.8	3.17	2.21	2.21	0.29	0.051	.	.
				minimum	15.6	5.9	382	6.9	31	19.9	3.5	1	2.78	1.91	1.91	0.154	0.043	.	.
				maximum	19.1	8.9	535	7.9	375	495.2	47.5	17.2	4.22	3.11	3.11	0.425	0.059	.	.
				stderr	0.15	0.07	6	0.02	11.09	14.25	1.32	0.36	0.06	0.06	0.06	0.015	0.001	.	.
				n	75	75	75	75	75	75	75	74	26	26	26	26	26	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)		
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
op	2002	SM	MC	mean	29.89	6.8	511	7.8	33	50.2	8.4	32.4	2.22	1.44	1.44	0.188	0.065	.	.
				median	29.9	6.7	514	7.8	32	51	8.5	30.9	2.25	1.43	1.43	0.187	0.065	.	.
				minimum	29.4	6.3	482	7.7	18	18.5	6.2	23.4	1.99	1.13	1.13	0.164	0.028	.	.
				maximum	30.8	12.1	535	8.3	47	78.4	11.7	67.2	2.36	1.66	1.66	0.22	0.115	.	.
				stderr	0.04	0.08	1	0.01	0.73	1.49	0.12	0.74	0.02	0.03	0.03	0.003	0.003	.	.
				n	76	76	76	76	76	76	76	26	26	26	26	26	0	0	0
op	2002	SM	SC	mean	30.35	9	520	7.9	26	35.5	8.6	36.3	1.86	1.05	1.05	0.151	0.041	.	.
				median	30.1	7.9	513	7.9	25	30.8	8.3	32.6	2.09	1.34	1.34	0.171	0.054	.	.
				minimum	29.4	6.2	452	7.5	10	10.2	6.1	22.4	0.88	0.1	0.1	0.053	0.002	.	.
				maximum	32.8	14.3	625	8.5	42	119.2	16.2	74.6	2.48	1.65	1.65	0.206	0.081	.	.
				stderr	0.1	0.29	4	0.02	1.22	2.49	0.25	1.17	0.1	0.1	0.1	0.011	0.006	.	.
				n	70	70	70	70	70	70	70	24	24	24	24	24	0	0	0
op	2004	WN	MC	mean	0.72	14.3	502	7.4	35	45.4	9	17.6	2.28	.	.	0.138	.	0	0
				median	0.5	14.4	508	7.5	31	43.2	8.8	17.9	2.26	.	.	0.13	.	0	0
				minimum	0.1	12.8	441	6	20	28.2	7.8	1	1.77	.	.	0.107	.	0	0
				maximum	2	15.2	591	8.2	59	70.9	11.4	25.9	2.96	.	.	0.226	.	0	0
				stderr	0.07	0.07	4	0.09	1.41	1.25	0.09	0.41	0.05	.	.	0.006	.	0	0
				n	75	75	75	75	75	75	75	26	0	0	0	26	0	75	75
op	2004	WN	SC	mean	0.9	13.8	533	7.6	32	41.5	9.2	15.3	2.27	.	.	0.149	.	0	0
				median	0.7	14.2	555	8.1	29	45.3	9.4	15.7	2.25	.	.	0.144	.	0	0
				minimum	0.1	11.1	440	5.2	20	26	6.3	5.4	1.87	.	.	0.114	.	0	0
				maximum	3.1	14.7	595	8.4	57	68.1	11	22.1	2.89	.	.	0.209	.	0	0
				stderr	0.15	0.18	9	0.17	1.77	1.76	0.24	0.74	0.08	.	.	0.009	.	0	0
				n	31	31	31	31	31	31	31	31	12	0	0	12	0	31	31
op	2004	SP	MC	mean	16.99	8.5	476	8	48	78.7	11.2	25	2.64	1.76	1.76	0.17	0.027	.	.
				median	16.9	8.4	483	8	48	76.8	11.4	25.7	2.67	1.77	1.77	0.168	0.026	.	.
				minimum	16.5	7.1	373	7.8	15	19.2	6.7	14	1.86	1.24	1.24	0.096	0.01	.	.
				maximum	17.5	10	519	8.2	67	112.4	13.1	36.3	3.07	2.1	2.1	0.222	0.049	.	.
				stderr	0.03	0.07	4	0.01	1.12	1.75	0.12	0.65	0.05	0.04	0.04	0.005	0.002	.	.
				n	75	75	75	75	75	75	75	26	26	26	26	26	0	0	0
op	2004	SP	SC	mean	17.11	8.6	477	8	40	53.8	8.9	19	2.59	1.75	1.75	0.177	0.03	.	.
				median	17	8.6	482	8	40	53.8	9.1	17.9	2.62	1.77	1.77	0.178	0.031	.	.
				minimum	16.6	6.9	387	7.7	16	11.8	3.7	1	2.27	1.5	1.5	0.117	0.017	.	.
				maximum	18.5	10	520	8.2	65	108.6	12.9	35.5	2.83	1.87	1.87	0.236	0.04	.	.
				stderr	0.05	0.06	3	0.01	1.57	3	0.28	0.66	0.03	0.02	0.02	0.007	0.001	.	.
				n	75	75	75	75	75	74	74	75	26	26	26	26	0	0	0
op	2004	SM	MC	mean	26.07	6.5	499	7.9	110	132.6	16.6	14.8	3.9	3.46	3.46	0.27	0.072	.	.
				median	26	6.5	507	7.9	110	127.4	16.3	14.8	4.13	3.72	3.72	0.272	0.074	.	.
				minimum	25.6	3.3	458	7.7	59	37.2	8.7	12.4	2.7	2.36	2.36	0.181	0.048	.	.
				maximum	28.9	7.1	559	8	160	204.5	24	17.5	4.43	3.91	3.91	0.359	0.095	.	.
				stderr	0.05	0.06	2	0.01	2.53	3.4	0.31	0.14	0.11	0.1	0.1	0.008	0.002	.	.
				n	74	74	73	74	70	74	74	74	26	26	26	26	26	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
op	2004	SM	SC	mean	26.68	6.7	485	7.9	81	91	12.8	14.4	3.22	2.78	2.78	0.234	0.072	.	.
				median	26.6	6.6	477	7.9	89	102.5	13.3	14.7	3.03	2.62	2.62	0.237	0.071	.	.
				minimum	25.8	5.8	458	7.8	31	26.4	6	9.6	2.76	2.42	2.42	0.161	0.04	.	.
				maximum	28.5	7.6	522	8	155	185.8	24	17.7	4.32	3.8	3.8	0.294	0.1	.	.
				stderr	0.08	0.05	2	0.01	3.35	4.79	0.52	0.22	0.09	0.08	0.08	0.008	0.003	.	.
				n	71	71	71	71	71	71	69	24	24	24	24	24	0	0	0
op	2004	FL	MC	mean	16.19	9	532	7.8	53	64	10.9	15.8	2.28	1.68	1.68	0.202	0.06	.	.
				median	16.1	9	534	8	52	63.3	10.9	16	2.3	1.53	1.53	0.205	0.061	.	.
				minimum	15.4	8.5	517	6.1	40	47.8	7.8	9.5	1.97	1.44	1.44	0.164	0.041	.	.
				maximum	17.1	9.6	552	8.1	71	88.9	14.2	21.3	2.64	1.93	1.93	0.233	0.076	.	.
				stderr	0.07	0.03	1	0.05	0.85	0.98	0.16	0.34	0.04	0.04	0.04	0.004	0.002	.	.
				n	74	74	74	74	64	74	74	74	25	26	26	25	26	0	0
op	2004	FL	SC	mean	16.59	8.4	535	7.7	30	31.9	8.4	16.8	1.21	0.5	0.5	0.127	0.024	.	.
				median	16.7	8.8	544	7.6	23	24	8.9	16	0.87	0.04	0.04	0.123	0.015	.	.
				minimum	15.6	5.5	452	7.2	7	5.1	2.5	6.3	0.46	0.01	0.01	0.064	0.001	.	.
				maximum	18.3	11.5	593	8.1	62	73.9	13.4	48.9	2.09	1.54	1.54	0.197	0.07	.	.
				stderr	0.1	0.2	5	0.03	2.29	2.65	0.36	1.13	0.16	0.17	0.17	0.012	0.006	.	.
				n	46	46	46	46	44	46	46	46	16	16	16	16	16	0	0
op	2005	WN	MC	mean	1.48	13.2	467	7.8	84	91.4	9.6	3	3.77	3.04	3.04	0.236	0.068	0	0
				median	1.5	13.1	467	7.8	86	91.2	9.8	2.9	3.76	3.04	3.04	0.234	0.068	0	0
				minimum	1.1	12.6	427	7.7	49	40.7	5.5	1	3.55	2.83	2.83	0.2	0.059	0	0
				maximum	1.8	13.8	509	7.9	128	142.2	13.8	5.1	4.06	3.34	3.34	0.277	0.081	0	0
				stderr	0.02	0.04	3	0.01	2.08	2.91	0.26	0.06	0.02	0.02	0.02	0.004	0.001	0	0
				n	75	75	75	75	75	75	75	75	26	26	26	26	75	75	75
op	2005	WN	SC	mean	1.35	13.4	438	7.7	94	116.6	11.8	3.2	3.58	2.85	2.85	0.252	0.065	0	0
				median	1.4	13.3	433	7.7	96	121.3	11.9	3.1	3.58	2.86	2.86	0.253	0.065	0	0
				minimum	1	12.6	416	7.2	48	42.1	6.3	1.9	3.3	2.67	2.67	0.186	0.052	0	0
				maximum	2	14.4	505	7.9	125	169.5	16.3	4.1	3.74	3.04	3.04	0.304	0.074	0	0
				stderr	0.03	0.06	2	0.01	1.48	3.14	0.25	0.05	0.02	0.03	0.03	0.005	0.001	0	0
				n	75	75	75	75	75	75	75	75	26	26	26	26	75	75	75
op	2005	SP	MC	mean	17.75	7.7	441	7.4	138	191.2	21.2	7.3	3.19	2.32	2.32	0.268	0.054	.	.
				median	18.1	7.7	447	7.5	130	191.9	21	7.4	3.25	2.38	2.38	0.263	0.053	.	.
				minimum	16.2	6.7	411	6.1	63	71.9	8.7	5	2.85	1.87	1.87	0.172	0.039	.	.
				maximum	18.5	8.5	473	7.8	267	272.1	32.6	12.9	3.43	2.47	2.47	0.346	0.067	.	.
				stderr	0.08	0.06	2	0.03	3.98	4.94	0.56	0.14	0.03	0.03	0.03	0.007	0.001	.	.
				n	75	75	75	75	75	75	75	26	26	26	26	26	0	0	0
op	2005	SP	SC	mean	17.42	8	432	7.5	115	143.5	16.4	6.2	2.99	2.19	2.19	0.24	0.052	.	.
				median	17.5	8.1	445	7.6	107	157.4	17	6.7	3.01	2.28	2.28	0.243	0.052	.	.
				minimum	16.3	7.2	399	6.5	37	31.8	5.1	1	2.65	1.87	1.87	0.154	0.046	.	.
				maximum	19	8.6	452	7.8	227	273.1	27.9	9.4	3.34	2.44	2.44	0.342	0.064	.	.
				stderr	0.1	0.05	2	0.03	5.64	8.09	0.77	0.23	0.04	0.04	0.04	0.011	0.001	.	.
				n	75	75	75	75	75	75	75	26	26	26	26	26	0	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)		
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)	Total Phosph. (P mg/L)			
op	2005	SM	MC	mean	30.93	7.5	585	8.4	26	51.2	9.9	41.4	2.22	1.64	1.64	0.174	0.06	.	.
				median	30.4	7.4	581	8.4	26	53.9	9.9	39	2.1	1.78	1.78	0.179	0.062	.	.
				minimum	29.9	6.6	566	8.3	13	27	7	27.7	1.72	1.22	1.22	0.085	0.045	.	.
				maximum	32.5	9.3	603	8.6	48	88.8	13.2	70.6	2.79	2.2	2.2	0.213	0.068	.	.
				stderr	0.1	0.06	1	0.01	0.75	1.32	0.15	1.14	0.07	0.08	0.08	0.005	0.001	.	.
				n	75	75	75	75	75	75	75	75	24	24	24	26	26	0	0
op	2005	SM	SC	mean	29.19	11.6	579	8	18	24.6	10.6	41.3	1.4	0.58	0.58	0.105	0.013	.	.
				median	30.1	11.6	573	7.8	16	20.3	10.9	42.2	1.37	0.5	0.5	0.097	0.002	.	.
				minimum	26.7	7.4	464	7.5	4	6	4.8	16.1	0.76	0.01	0.01	0.068	0.001	.	.
				maximum	31.3	20.6	647	8.5	48	78.6	16.3	64.3	2.01	1.4	1.4	0.167	0.048	.	.
				stderr	0.32	0.66	13	0.08	2.15	3.32	0.6	2.29	0.15	0.18	0.18	0.011	0.008	.	.
				n	24	24	24	24	24	24	24	24	8	8	8	8	8	0	0
op	2005	FL	MC	mean	19.23	7.7	445	7.9	278	291	32.7	12.8	1.67	0.85	0.85	0.381	0.077	.	.
				median	19.2	7.8	446	7.9	265	283	30.6	13	1.7	0.81	0.81	0.379	0.079	.	.
				minimum	18.9	7.1	423	7.8	105	93.2	10.3	7.7	1.25	0.72	0.72	0.276	0.061	.	.
				maximum	19.7	8.1	468	8	605	495.2	54.8	18.7	1.83	1.05	1.05	0.486	0.096	.	.
				stderr	0.03	0.03	1	0	12.43	10.74	1.1	0.26	0.02	0.02	0.02	0.01	0.002	.	.
				n	75	75	75	75	75	75	75	75	26	26	26	26	26	0	0
op	2005	FL	SC	mean	19.62	8.9	498	8	216	184.2	23.1	14.8	1.16	0.42	0.42	0.265	0.04	.	.
				median	19.6	7.9	449	7.9	220	187	23.1	13.2	1.23	0.5	0.5	0.248	0.043	.	.
				minimum	19.1	4.8	425	7.7	9	8.4	3.6	6.1	0.45	0.01	0.01	0.054	0.001	.	.
				maximum	20.8	17.1	608	8.6	505	447.4	53	63.5	1.84	0.82	0.82	0.534	0.084	.	.
				stderr	0.06	0.34	10	0.03	25.86	22.82	2.32	1.09	0.15	0.1	0.1	0.049	0.009	.	.
				n	53	53	53	53	45	53	53	53	16	16	16	16	16	0	0